HF Modul
RF module

Module HF

0-2220-329

VHF I
VHF III
AGC
U TUN
UHF
+12V
IF

ZF-NF Modul
IF-AF module

0-2220-323

MF-BF Modul

0-2220-332

Sound
Sound
Sound
Sound
VCR
AGC
AFC
VIDEO
AFC
+12V
IF

PAL-SECAM Dekoder
PAL-SECAM decoder

Decodeur PAL-SECAM

VIDEO
+12V

C702
C703
3x100n
C704
R704 33
*R703 470k
C705 100n
R702 150k
R701 470k
*D705 N125
*D704 ZPD15
*R705 *R734 470k
C701 1µ
BA 157 D701
*C714 100µ
R719 10k
R720 6,8k
R707 820
IC202 7812
A/+12V
C215 100n
C214 100µ
C216 100n
R708 47k
R710 10k
T704 BC 327/25
T702
R711 10k
R709 10k
2xBC 337/25
R712 47k
T 703
R713 10k
C708 4,7µ
C709 100n
C706 100n
T701 BC 337 25
R721 560
C707 4,7µ
R714 82
R715 82
TDA 5850
IC 701
R722 1,5k
R723 120
R308 2,2k
R716
R717 3x82
R718
R301 1k
C301 1µ
1N 4148
R303 4,7k
R306 1k
R313 4,7k
R307 47k
R309 47k
C304 10µ
IC 301 TDA 1950
C305 22n
C306
R314 5,6k
C307 22n
C308 10µ
R315 100
C309 100
C310 1µ
R316 100k
R320 18k

"C"

B' 1 2 3 4 5 6 7 8 9

Bedienungsteil
Control unit

Unité de commande

"F" 1 3
"C" 1 2 3 4 5
"T" 1 2 3 4 5

BI B G R TX4"
CD-4053
IC 702
R731 4,7k
A/+12V
BI B G R
"TX6"
R730 10k
T706
R726 47k
T708 BC 327/25
2x BC 337/25
R733 8,2k
T707
R728 1k

0-1214-287,-288
0-1214-324,-325

"G"
IC202
R604
1 2 3 4 5 6 7
C212

5 4 3 2 1 "A"
2AT
B 101
C102 2,2n
C101 100n
C103 2,2n
Fz 25A
L 101
C104 100n
Alimentation
C105 2,2n
C106 2,2n
D101 BY 133
R101 3,3
C107 1n
C109 1n
D102
D103
D104
C108 1n
D105
C110 1n
R103 220k
C111 220µ
C 112 100n
R104
R102 15k
B102 800mAT
TR 101
D106 BA 157
C 127 100n
C113 100µ
D107 BA157
R105 4,7k
R106 100
P101 4,7k
C 131 2,2n
C114 1µ
C115 8,2n
C121 270
D110 BY 299
B103 400mA
R107 12k
R108 300k
L104
S 2000 AF
C117 2,2n
T 101
IC 101 TDA 4601
L102 0,68
R109
C116 100µ
100k
L103
D 108 BY133
R112 27
R110
C119 100µ
C118 6,8n
R113 1,2k
100
R114 10k
C120
R115 220
BY299
D109
C 123 270
R117 47k
L105
C122 470µ
+20V
L106
47µ
C124
B104 800mA/T
+107V
D111 BA157
C126 470µ

0-1214-293,-294

D

F. VERT.
P404 2,2k
R405 220
C404 100n
R401 680k
C405 100n
C406 1,5n
C408 100n
C407 150n
R402 4,7k
R403
R404 1
5,6k
C414 1000µ
C413 100n
Freguence
Line vert.
Ampli. vert
R407 47k
R408 15k
C402 22µ
P401 200k
R411 15k
R409 47k
R410 220k
C403 33
P402 470k
P403 100k
R421 4,7
R420 150k
10k
R422
IC 401
TDA 1170 S
R414 4,7k
C416 47n
R415 180
C409 100n
C410 470µ
C411 470µ
C415 100µ
D401 BA157
R416 150k
R418 150k
R419 680k
D 402 BA157
C412 22n
R417 3,3

PAL - SECAM Dekoder
PAL - SECAM decoder
Decodeur PAL - SECAM

0-2411-430

3702B22-TC
370 LHB 22TC02
370 KRB 22TC05

2220-323

2220-332

VIDEO +12V BCL +12V B G R

TX 4" / TX 6"

+210V

T501 BF 869 S
T502 BF 869 S
T503 BF 869 S

2x BC 327/25

IC 601 TBA 800

IC 301 TDA 1950

IC 401 TDA 1170 S

IC 201 7812

T701 BC 337 25

T202 BC 337/25

T203 BC 337/25

T504 T505

TR 201 TR 202

T201 S2000 AF

D501 D202 BA157 D203 BA 157 D204 BA 157 D205 BA 157 D206 BY299 D401 BA 157 D402 BA 157 D201 B 299 D301 1N 4148 D302 1N 4148

-105V +210V +30 V +24 V +8,5 V +12V Stand-by 0V

A/+12V B/+12V -50V

F. VERT. Ampli vert Frequence Phase

to 137 to 138 G2 Focus 22 kV

Il est n
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⚠ S
Safet
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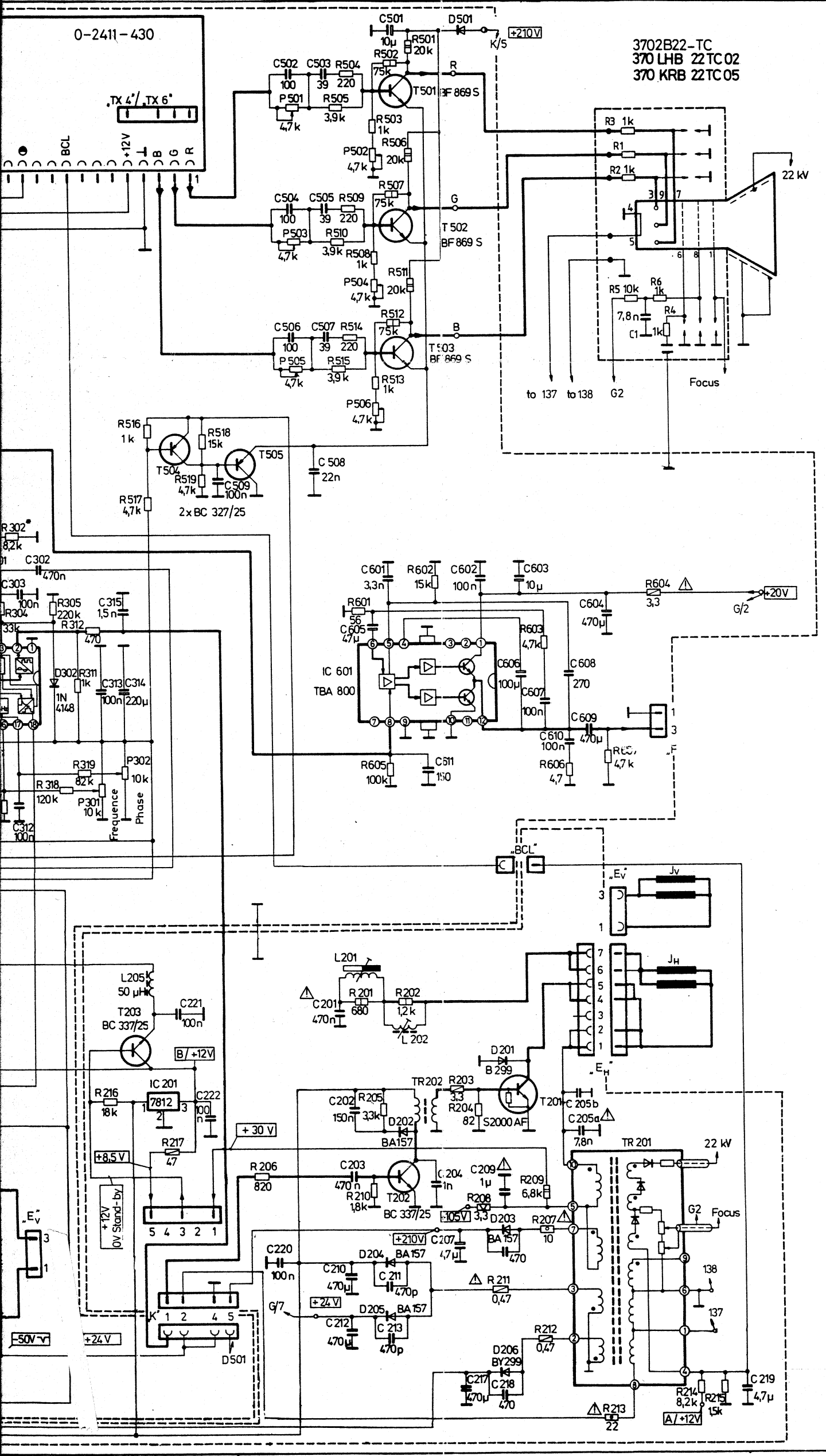
Right

*
WT
WT 6

*
WT
WT 6

SCH
CIRC



Il est nécessaire d'utiliser le transformateur de séparation pendant la mesure des unités d'alimentation.

Il est interdit de tirer le module de l'appareil en fonction!

⚠ Désignation de sécurité!

A l'intérêt de la sécurité, les pièces de rechange peuvent être échangées seulement par celles prescrites par la documentation, en respectant les prescriptions de montage

Le droit de changement est maintenu !

Bei der Messung an dem Netzteil Trentrafo verwenden!

Während das Gerät in Betrieb ist, keine Module entfernen!

⚠ Sicherheitsbezeichnung!

Im Interesse der Sicherheit dürfen die bezeichneten Teile nur gegen die in der Dokumentation vorgeschriebenen Teile erzetzt werden. Die Montagevorschrift muss eingehalten werden.

Änderungen vorbehalten!

On measuring the Psu an isolating transformer must be used!

It is prohibited to withdraw modules when the set is working!

⚠ SAFETY!

Safet components in accordance with existing safety regulations. These components can be replaced with original parts only!

Right of alteration reserved !

*	R703	R705	D704	D705	R734	R302	„C"	„B"
WT 637	470 k	470 k	N125	ZPD 15	470 k	8,2 k	1÷5	1÷8
WT 6314	0 Ω	2,2 M	∞	∞	∞	∞	1÷6	1÷9

*	153-187	C 714	C 708
WT 637	0 Ω	∞	IC 701/8
WT 6314	∞	100µF	IC 701/8

SCHALTBILD
SCHEMA ELECTRIQUE
CIRCUIT DIAGRAM

WALTHAM WT 637

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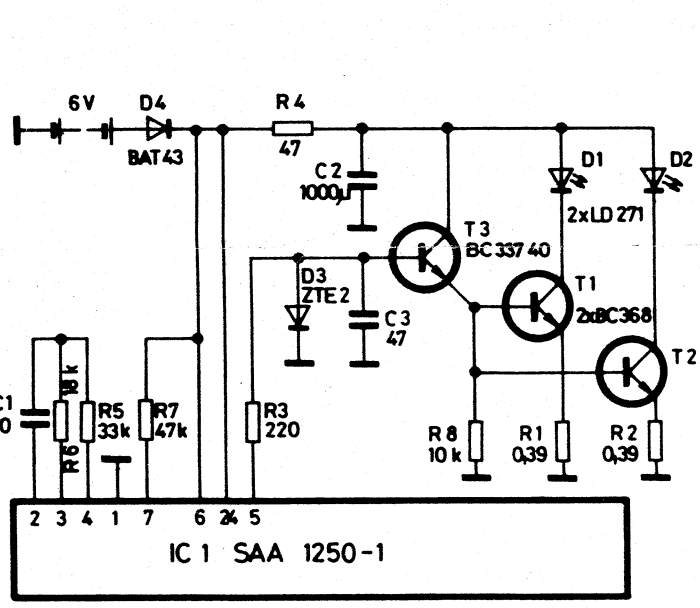
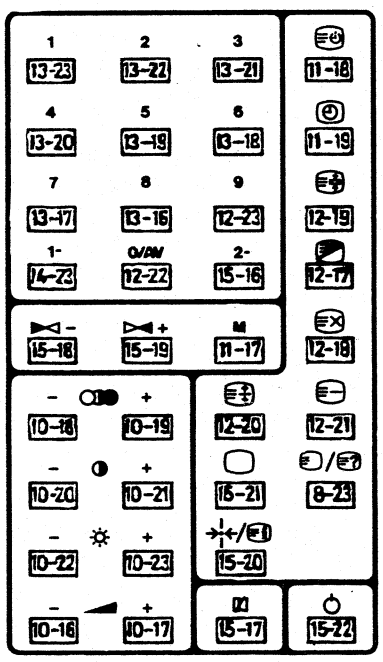
Sheet 1

IR SENDER
REMOTE CONTROL HANDSET
TELECOMMANDEUR

0-2225-286



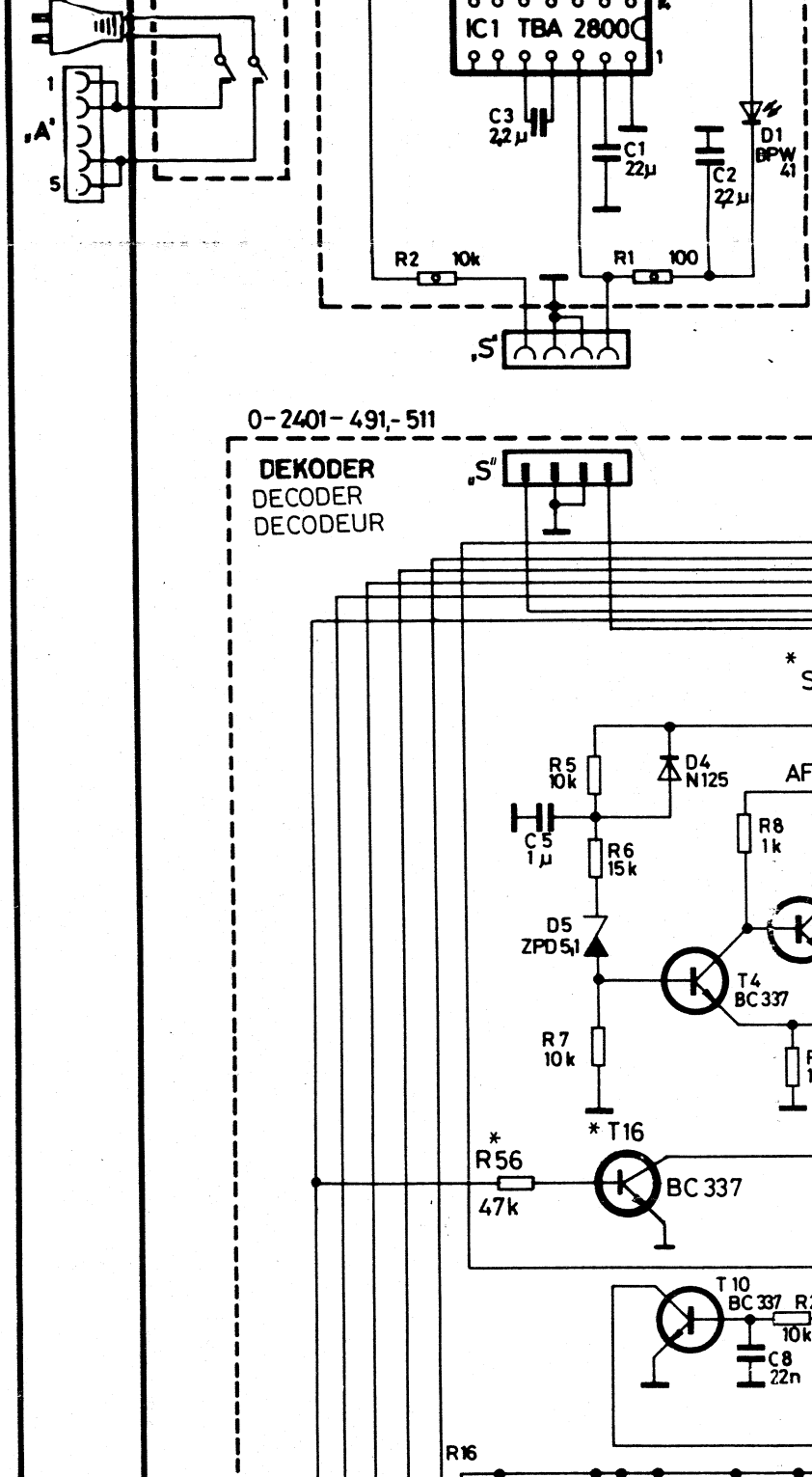


IR VERSTÄRKER
IR AMPLIFIER
AMPLIFICATEUR IR

ANZEIGE
DISPLAY

CIRCUIT
0-2401-

0-2401-489



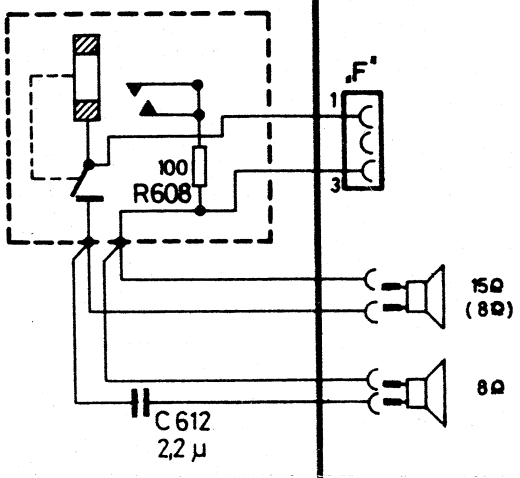
0-2401-491,-511

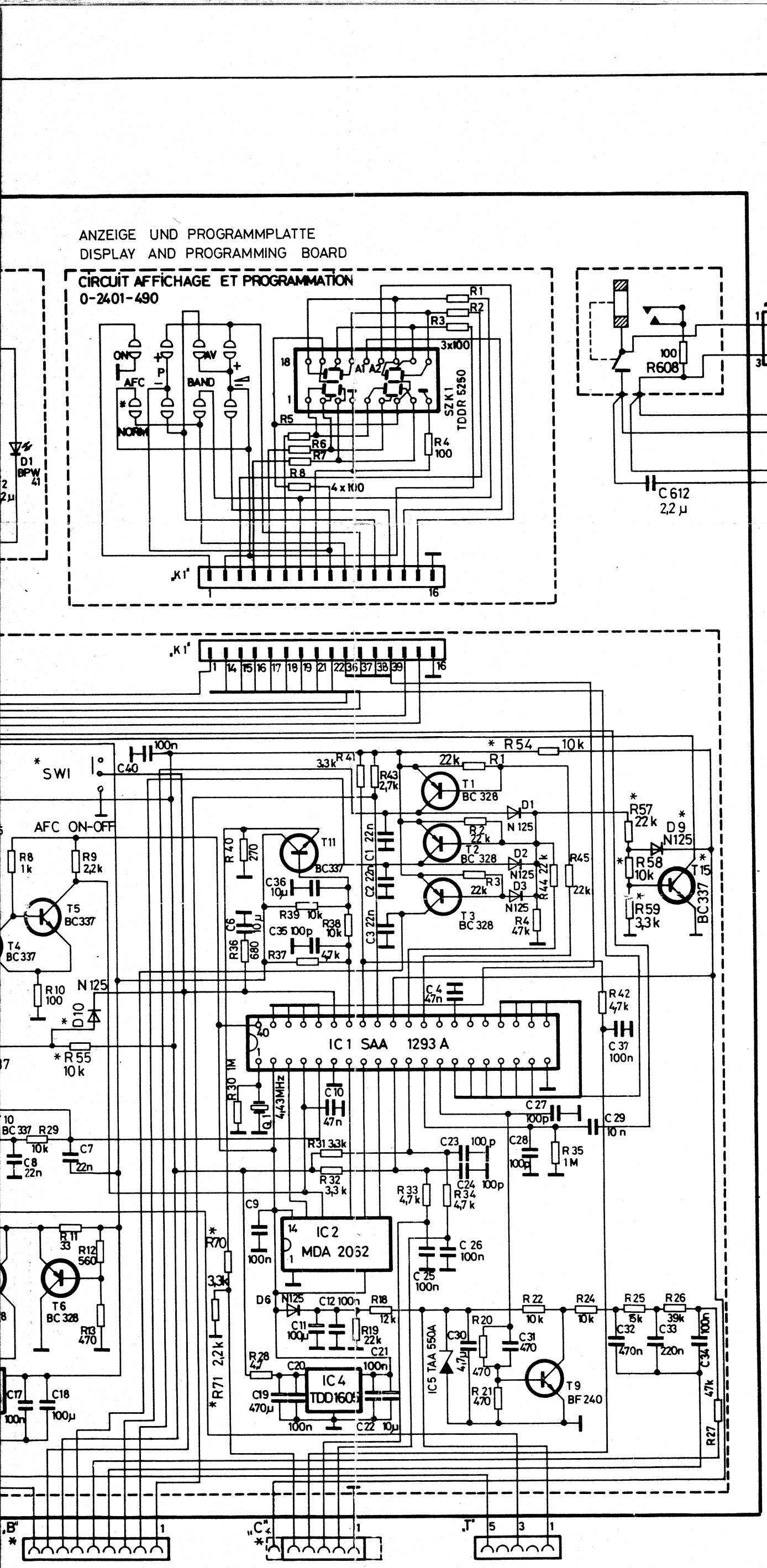
DEKODER
DECODER
DECODEUR

*	SW 1	T 16	T 15	D 9	R 59	R 58	R 57
WT 637	—	—	—	—	—	—	—
WT 6314	AFC ON-OFF	BC 337	BC 337	N 125	3,3 k	10 k	22 k

ANZEIGE UND PROGRAMMPLATTE
DISPLAY AND PROGRAMMING BOARD

CIRCUIT AFFICHAGE ET PROGRAMMATION
0-2401-490





R 59	R 58	R 57	R 54	D 10	R 55	R 56	R70	R71	„B"	„C"	
∞	∞	∞	∞	∞	∞	∞	3,3 k	2,2k	1÷8	1÷5	AFC ON OFF
3,3 k	10 k	22 k	10k	N 125	10 k	47 k	0 Ω	∞	1÷9	1÷6	NORM

SCHALTBILD
SCHEMA ELECTRIQUE
CIRCUIT DIAGRAM

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2ème page
Sheet 2

0-0114-201 A.

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